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## NOTICE OF ALLOWANCE AND FEE(S) DUE

27045 7590  
ERICSSON INC.  
6300 LEGACY DRIVE  
M/S EVR 1-C-11  
PLANO, TX 75024

07/13/2011

EXAMINER

KATSIKIS, KOSTAS J

ART UNIT

PAPER NUMBER

2441

DATE MAILED: 07/13/2011

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/596,003	02/08/2007	Maria Pilar Gonzalez Lopez	PI8126-US1	1612

TITLE OF INVENTION: APPARATUS FOR MEDIATING IN MANAGEMENT ORDERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	10/13/2011

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

**THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

## HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

# **PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to:** **Mail** **Mail Stop ISSUE FEE**  
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**P.O. Box 1450**  
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**or Fax** **(571)-273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

**CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)**

**Note:** A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

27045 7590 07/13/2011  
**ERICSSON INC.**  
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**PLANO, TX 75024**

## **Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/596,003 02/08/2007

Maria Pilar Gonzalez Lopez

P18126-US1

1612

**TITLE OF INVENTION:** APPARATUS FOR MEDIATING IN MANAGEMENT ORDERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	10/13/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
KATSIKIS, KOSTAS J	2441	709-223000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB112) attached;  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB117; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, \_\_\_\_\_  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. \_\_\_\_\_  
 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

**PLEASE NOTE:** Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.111. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reupay any previously paid issue fee shown above)

- ☐ A check is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ a. Applicant claims **SMALL ENTITY** status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming **SMALL ENTITY** status. See 37 CFR 1.27(g)(2).

**NOTE:** The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_ Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.**

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07/13/2011

EXAMINER

KATSIKIS, KOSTAS J

ART UNIT

PAPER NUMBER

2441

DATE MAILED: 07/13/2011

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 455 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 455 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

## Privacy Act Statement

**The Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

**Notice of Allowability****Application No.**

10/596,003

**Examiner**

KOSTAS KATSIKIS

**Applicant(s)**

GONZALEZ LOPEZ ET AL.

**Art Unit**

2441

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed 02/28/2011.
2. ☒ The allowed claim(s) is/are 37-72.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

/Kostas Katsikis/  
Examiner, Art Unit 2441

/Wing F. Chan/  
Supervisory Patent Examiner, Art Unit 2441

### REASONS FOR ALLOWANCE

1. Claims 37-72 are allowed.
2. The following is an examiner's statement of reasons for allowance:

In interpreting the currently allowed claims, in light of the specification, the Examiner finds the claimed invention to be patentably distinct from the prior art of record.

**Black et al. (United States Patent Application Publication No. US 2002/0116485 A1), hereinafter "Black"**, discloses providing out-of-band management channels between network/element management system (NMS) clients and servers, for improving management and network availability (**See Black, Abstract**). **Black** discloses Template Driven Service Provisioning, whereby templates may be originated in Operations Support Services (OSS) clients and relayed to and received in NMS servers. Instead of using a GUI to interactively provision services on one network device in real time, a user may provision services on one or more network devices in one or more networks controlled by one or more network management systems (NMSs) interactively and non-interactively using an OSS client and templates (**See Black, FIG. 3b and 3h-3i combined, paragraphs [0408]-[0416]**). **Black** further discloses a flexible naming procedure is used to derive and identify objects with which processes need to communicate with. The name server process allows high level processes to register

information about the objects within them and to subscribe for information about the objects with which they need to communicate. The flexible naming procedure is used in processes such as applications and device drivers, instead of hard coding names, and utilizes tables in a configuration database to derive the names of other configurable objects with which they need to communicate (**See Black, FIG. 1, paragraph [0442]**).

**Barker et al. (United States Patent No. US 6,363,421 B2), hereinafter “Barker”**, discloses remotely managing a plurality of network elements of a telecommunications network through a special communication link including a computer internet such as a LAN, the world wide web or the Internet. A management computer is connected to an element management system server through a communication link including the computer internet, and at least one of the plurality of network elements is additionally coupled to the element management system server through the computer internet and is managed via communications conveyed through the element management system server between the management computer and the at least one network element (**See Barker, Abstract**). Specifically, **Barker** discloses that an interface of an element management system server 32 receives management commands from a client 28 of a management computer 26, for the management of an application processor 80/network element 14 (**See Barker, FIG. 1A-1C, and FIG. 2-4 combined, col. 1, line 25-col. 2, line 33**). **Barker** additionally discloses that upon startup, the client application registers with the server by providing identification of the client host, port, client, and a password. The server retrieves the client record from

local data services and returns a session object to the client noting the client's access permissions. The information is used to provide a level of access control in the client application (e.g. deactivating menu element management system for maintenance operations that are not allowed). All client requests are validated at the server (**Barker, col. 30, lines 45-63**). **Barker** further discloses that a management information base (MIB) stores object attributes related to a registered management computer 26/application processor 80. Client applications utilize the EMAPI 55 to access service objects on the server which provide access to attributes of the managed objects, provide maintenance operations for those managed objects, and allow the client to register for notifications of attribute changes and event notifications) (**See Barker, FIG. 3 and FIG. 4 combined, col. 7, lines 45-63, col. 10, line 50-col. 11, line 60**).

**Tindal et al. (United States Patent Application Publication No. US 2002/0069274 A1), hereinafter "Tindal",** discloses a method and apparatus to configure, monitor, and manage network devices without regard for device type and/or manufacturer (**See Tindal, Abstract**). **Tindal** discloses that once a configuration record has been changed, a network manager unit can use the fields of the modified configuration record to generate actual device-specific commands needed to configure a selected network device. **Tindal** discloses that the fields in a given configuration record can be used to populate variable fields in a device-specific code template. As a result, a network administrator is not required to know or create the actual device-specific commands that are required to configure the selected network device, but



rather only needs to know the general objective such as "enable router". The network manager unit will transform this general objective into the actual device-specific commands (**See Tindal, FIG. 2, paragraphs [0013], and [0027]-[0029]**).

**Prithviraj et al. (United States Patent No. 5,987,513), hereinafter "Prithviraj",** discloses a network management system enabling a user to manage a network using browsers available on remote computer systems. A designer provides a page specification document identifying information elements of interest and corresponding explanatory labels. The page specification document is translated into a plurality of hypertext documents, and allows the designer to logically group the information elements of interest, thereby automatically defining the sequence in which the hypertext documents are accessed from other hypertext documents by actuating hypertext links in the other hypertext documents (**See Prithviraj, Abstract**). In addition, **Prithviraj** discloses all the hypertext documents are stored in a central network management station (NMS). The user accesses the documents from a remote or local computer system using a browser. To view the status of a subject network element, the user actuates the appropriate hypertext links. Such actuation specifies a desired template. The user also specifies an identifier (e.g., a unique Internet Protocol Address) of a subject network element from which to retrieve data dynamically and display using the template (**See Prithviraj, col. 3, lines 49-57**). **Prithviraj** further discloses in col. 19, lines 24-37, with respect to FIG. 6, a core software module, known as Cybercore 650 at the heart of a Network management station (NMS) 101 implementing network

management functions employed to manage the networks. Such functions include coordinating and controlling the operation of other components in NMS 101, and performing many other traditional web server functions (**See Prithviraj, FIG. 6, col. 19, lines 24-37**). In addition, **Prithviraj** discloses, with reference to FIG. 11, the manner in which Cybercore 650 enables a user to dynamically retrieve data from the network. In step 1110, Cybercore 650 receives the URL of a desired template and an identifier for the network element from which to retrieve the data dynamically. The URL of the desired template is generated automatically as the user actuates the appropriate hyperlinks (**See Prithviraj, FIG. 11, col. 20, lines 13-20**).

However, the prior art of records, individually or in combination, fail to explicitly teach or render obvious a hardware-containing apparatus for mediating in management orders between a plurality of origin managing devices and a plurality of managed devices in a telecommunications system, the management orders intended to execute management operations over the managed devices, comprising:

- a communication receiver component arranged to receive a management order from one of the origin managing devices;

- a management verifier component arranged to determine whether the received management order is an allowed management order by checking whether content of the received management order fits access attributes comprised in a first management access template in relationship with an identifier of the origin managing device, a second management access template in relationship with an identifier of a managed

data object affected by the management order, and a third management access template in relationship with an identifier of a managed device affected by the management order;

a communication sender component arranged to send an allowed management order to a managed device; and

the hardware-containing apparatus is interposed between the plurality of origin managing devices and the plurality of managed devices so as to receive management orders from the plurality of origin managing devices and issue allowed management orders to the plurality of managed devices, as set forth in independent claim 37.

Likewise, the prior art of records, individually or in combination, fail to explicitly teach or render obvious in a telecommunications system, a method implemented by a hardware-containing apparatus for mediating in the management of a plurality of managed devices from a plurality of origin managing devices, comprising the steps of:

receiving a management order from one of the origin managing devices in the managed device;

executing a management operation requested by the management order in the managed device;

the step of receiving a management order comprising the further steps of:

receiving a management order in a centralized management mediator;

determining whether the received management order is an allowed management order by checking in the centralized management mediator whether content of the

received management order fits access attributes comprised in a first management access template in relationship with an identifier of the origin managing device, a second management access template in relationship with an identifier of a managed data object affected by the management order, and a third management access template in relationship with an identifier of a managed device affected by the management order;

granting the management order to be sent to a managed device if it is an allowed management order; and

the hardware-containing apparatus is interposed between the plurality of origin managing devices and the plurality of managed devices so as to receive management orders from the plurality of origin managing devices and issue allowed management orders to the plurality of managed devices, as set forth in independent claim 51.

Furthermore, the prior art of records, individually or in combination, fail to explicitly teach or render obvious a computer program stored on a non-transitory data storage in a computer-based apparatus for mediating management orders between a plurality of origin managing devices and a plurality of managed devices in a telecommunications system, the management orders intended to execute management operations over the managed devices, comprising:

a computer-readable program having code adapted to cause a computer-based apparatus to process the reception of a management order from one of the origin managing devices;

the computer-readable program having code adapted to cause the computer-based apparatus to determine whether a received management order is an allowed management order by checking whether content of the received management order fits access attributes comprised in a first management access template in relationship with an identifier of the origin managing device, a second management access template in relationship with an identifier of a managed data object affected by the management order, and a third management access template in relationship with an identifier of a managed device affected by the management order,

the computer-readable program having code adapted to cause the computer-based apparatus to send an allowed management order to a managed device; and

the computer-based apparatus is interposed between the plurality of origin managing devices and the plurality of managed devices so as to receive management orders from the plurality of origin managing devices and issue allowed management orders to the plurality of managed devices, as set forth in independent claim 62.

The examiner finds the combination of prior art of records fail to disclose the features of the invention including

***a communication receiver component arranged to receive a management order from one of the origin managing devices;***

***a management verifier component arranged to determine whether the received management order is an allowed management order by checking whether content of the received management order fits access attributes***

***comprised in a first management access template in relationship with an identifier of the origin managing device, a second management access template in relationship with an identifier of a managed data object affected by the management order, and a third management access template in relationship with an identifier of a managed device affected by the management order; a communication sender component arranged to send an allowed management order to a managed device, as set forth in the independent claims.***

Dependent claims 38-50, 52-61, and 63-72 further limit the allowed independent claims 37, 51, and 62; therefore, they are also allowed.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kostas Katsikis whose telephone number is (571)270-5434. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wing Chan can be reached on (571)272-7493. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Kostas Katsikis/  
Examiner  
Art Unit 2441

/Wing F. Chan/  
Supervisory Patent Examiner,  
Art Unit 2441

June 20, 2011